Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

- 1 1. (Currently amended) A tandem drive system for a tracked
- 2 vehicle having a main track longitudinally extending in a closed
- 3 endless main loop on opposite sides and engaging a separate main
- 4 drive sprocket assembly, extending under roadwheels to a main
- 5 drive idler wheel, and back to said main drive-sprocket assembly
- 6 in said main loop, each main track having an inboard face on an
- 7 inward facing inner surface said tandem drive system comprising:
- 8 a secondary track engaging each main drive-sprocket assembly
- 9 and extending forward along the tracked vehicle from each
- 10 main drive-sprocket assembly under only an aft-most fractional
- 11 portion of the roadwheels, each said secondary track being
- 12 configured as a closed endless secondary loop inside of said main
- 13 loop of each main track, and each secondary track being adjacent
- 14 to and laterally extending across the inboard face of a separate
- 15 main track where said main and secondary tracks are wrapped
- 16 around each main drive-sprocket assembly.

- 1 2. (Original) The system of claim 1 wherein each secondary track
- 2 is shorter than each main track.
- 1 3. (currently amended) A tandem drive system for a tracked
- 2 vehicle having a main track longitudinally extending in a closed
- 3 endless main loop on opposite sides and engaging a separate main
- 4 drive sprocket assembly, extending under roadwheels to a main
- 5 drive idler wheel, and back to said main drive-sprocket assembly
- 6 in said main loop, said tandem drive system comprising:
- 7 a secondary track engaging each main drive-sprocket assembly
- 8 and extending forward along the tracked vehicle from each main
- 9 drive-sprocket assembly under only an aft-most fractional portion
- 10 of the roadwheels, said secondary track being configured as a
- 11 closed endless secondary loop inside of and shorter than said
- 12 main loop of each main track, The system of claim 2 wherein each
- 13 main track is made of steel and has inwardly extending
- 14 longitudinally spaced-apart guide horns, and each secondary track
- 15 has a fiber reinforced flexible belt-like structure having
- 16 longitudinally spaced-apart openings correspondingly spaced with
- 17 respect to said guide horns.

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1 4. (Original) The system of claim 3 comprising:

- 2 a tensioning apparatus mounted on each opposite lateral side
- 3 of the tracked vehicle in contact with a separate secondary track
- 4 to selectably exert a pushing, tensioning force on each secondary
- 5 track; and
- 6 a hub provided with annular outside surfaces on each main drive-
- 7 sprocket assembly, said tensioning force exerted by said
- 8 tensioning apparatus tightening each secondary track around each
- 9 drive sprocket assembly.

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- 1 5. (Original) The system of claim 4 wherein tightening of each
- 2 secondary track around each drive sprocket assembly frictionally
- 3 engages said annular outside surfaces of each hub of each main
- 4 drive-sprocket assembly to transfer rotary power to move said
- 5 secondary track and said tracked vehicle.

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- 1 6. (Original) The system of claim 3 comprising:
- 2 secondary sprockets having annular gear teeth extending from
- 3 a hub on each rear-mounted main drive-sprocket assembly; and
- 4 longitudinally spaced-apart holes in each secondary track,
- 5 said spaced apart holes in each secondary track being
- 6 correspondingly spaced apart with respect to said gear teeth.

- . 1 7. (Original) The system of claim 6 wherein said gear teeth
 - 2 engage said spaced apart holes in each secondary track to
 - 3 transfer rotary power to move said secondary track and said
 - 4 tracked vehicle.

- 1 8. (currently amended) A tracked vehicle comprising:
- a main return idler wheel on opposite sides and at the front
- 3 of a tracked vehicle;
- a main drive sprocket assembly on each of said opposite
- 5 sides mounted at the rear of said tracked vehicle;
- 6 roadwheels on each of said opposite sides, said roadwheels
- 7 being spaced apart from one another and located along the bottom
- 8 of said tracked vehicle;
- 9 a main track longitudinally extending in a closed endless
- 10 main loop on each of said opposite sides, each main track
- 11 engaging a separate main drive sprocket assembly, extending to a
- 12 separate main drive idler wheel, under said roadwheels, and back
- 13 to said separate rear-mounted main drive-sprocket assembly in
- 14 said main loop each main track having an inboard face on an
- 15 inward facing inner surface; and
- 16 a tandem drive system having a secondary track inside said
- 17 main loop of each main track, each said secondary track of said
- 18 tandem drive system engaging a separate each rear-mounted main

- 19 drive-sprocket assembly, extending forward along the tracked
- 20 vehicle from each main drive-sprocket assembly under said
- 21 roadwheels, and defining a closed endless secondary loop inside
- 22 of and shorter than said main loop, and each secondary track
- 23 being adjacent to and laterally extending across the inboard face
- 24 of a separate main track where the main and secondary tracks are
- 25 wrapped around each main drive-sprocket assembly.
 - 1 9. (Currently amended) The vehicle of claim 8 wherein said tandem
 - 2 drive system comprises:
 - 3 secondary track engaging-each-rear-mounted-main-drive-sprocket
 - 4 assembly and extending extends forward under only an aft-most
 - 5 fractional portion of said roadwheels, said secondary track
 - 6 extending in said secondary loop.

- 1 10. (Currently amended) A tracked vehicle comprising:
- 2 a main return idler wheel on opposite sides and at the front
- 3 of a tracked vehicle;
- a main drive sprocket assembly on each of said opposite
- 5 sides mounted at the rear of said tracked vehicle;
- 6 roadwheels on each of said opposite sides, said roadwheels
- 7 being spaced apart from one another and located along the bottom
- 8 of said tracked vehicle;

- a main track longitudinally extending in a closed endless
- 10 main loop on each of said opposite sides, each main track
- 11 engaging a separate main drive sprocket assembly, extending to a
- 12 separate main drive idler wheel, under said roadwheels, and back
- 13 to said separate rear-mounted main drive-sprocket assembly in
- 14 said main loop, each main track having an inboard face on an
- 15 inward facing inner surface;
- a tandem drive system having a secondary track inside said
- 17 main loop of each main track, each secondary track of said tandem
- 18 drive system engaging a separate rear-mounted main drive-sprocket
- 19 assembly, extending forward along the tracked vehicle from each
- 20 main drive-sprocket assembly under said roadwheels, and defining
- 21 a closed endless secondary loop inside of and shorter than said
- 22 main loop,
 - said secondary track extending forward under only an aft-most
 - 2 fractional portion of said roadwheels, and each secondary track
 - 3 being adjacent to and laterally extending across the inboard face
- 4 of a separate main track where the main and secondary tracks are
 - 5 wrapped around each main drive-sprocket assembly The vehicle of
 - 6 elaim 9 wherein each main track is made of steel and has inwardly
- 7 extending longitudinally spaced-apart guide horns, and each
- 8 secondary track has a fiber reinforced flexible belt-like

- 9 structure having longitudinally spaced-apart openings
- 10 correspondingly spaced with respect to said quide horns.

- 1 11. (Original) The vehicle of claim 10 comprising:
- 2 a tensioning apparatus mounted on each opposite lateral side
- 3 of said tracked vehicle and in contact with a separate secondary
- 4 track to selectably exert a pushing, tensioning force on each
- 5 secondary track;
- a hub provided with annular outside surfaces on each main
- 7 drive-sprocket assembly, said tensioning force exerted by said
- 8 tensioning apparatus tightening each secondary track around each
- 9 drive sprocket assembly.
- 1 12. (Original) The vehicle of claim 11 wherein tightening of each
- 2 secondary track around each drive sprocket assembly frictionally
- 3 engages said annular outside surfaces of each hub of each main
- 4 drive-sprocket assembly to transfer rotary power to move said
- 5 secondary track and said tracked vehicle.
- 1 13. (Original) The vehicle of claim 10 comprising:
- 2 secondary sprockets having annular gear teeth extending from
- 3 a hub on each rear-mounted main drive-sprocket assembly and;

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- 4 longitudinally spaced-apart holes in each secondary track,
- 5 said spaced apart holes in each secondary track being
- 6 correspondingly spaced apart with respect to said gear teeth.
- 1 14. (Original) The vehicle of claim 13 wherein said gear teeth
- 2 engage said spaced apart holes in each secondary track to
- 3 transfer rotary power to move said secondary track and said
- 4 tracked vehicle.
- 1 15. (Currently amended) A method of creating a tandem drive
- 2 system for a tracked vehicle having a main track longitudinally
- 3 extending in a closed endless main loop on opposite sides and
- 4 engaging a separate main drive sprocket assembly, extending under
- 5 roadwheels to a main drive idler wheel, and returning back to
- 6 said main drive-sprocket assembly in said main loop, each main
- 7 track having an inboard face on an inward facing inner surface
- 8 said method comprising the steps of:
- 9 engaging a secondary track by each main drive-sprocket
- 10 assembly; and
- 11 extending said secondary track forward along the track
- 12 vehicle from each main drive-sprocket assembly under only an aft-
- 13 most fractional portion of the roadwheels; and

- 1 configuring said secondary track as a closed endless
- 2 secondary loop inside of and shorter than said main closed
- 3 endless loop of each main track, each secondary track being
- 4 adjacent to and laterally extending across the inboard face of a
- 5 separate main track where said main and secondary tracks are
- 6 wrapped around each main drive-sprocket assembly.
- 1 16. (Currently amended) A method of creating a tandem drive
- 2 system for a tracked vehicle having a main track longitudinally
- 3 extending in a closed endless main loop on opposite sides and
- 4 engaging a separate main drive sprocket assembly, extending under
- 5 roadwheels to a main drive idler wheel, and returning back to
- 6 said main drive-sprocket assembly in said main loop, said method
- 7 comprising the steps of:
- 8 engaging a secondary track by each main drive-sprocket
- 9 assembly;
- 10 extending said secondary track forward along the track
- 11 vehicle from each main drive-sprocket assembly under only an aft-
- 12 most fractional portion of the roadwheels;
- 13 configuring said secondary track as a closed endless
- 14 secondary loop inside of and shorter than said main closed
- 15 endless loop of each main track;
- 1 The method of-claim 15 further comprising the steps of:

- 2 providing inwardly extending longitudinally spaced-apart
- 3 guide horns on each main track; and
- 4 forming each secondary track from fiber reinforced flexible
- 5 belt-like structure having longitudinally spaced-apart openings
- 6 correspondingly spaced with respect to said guide horns.
- 1 17. (Original) The method of claim 16 further comprising the
- 2 steps of:
- 3 mounting a tensioning apparatus on each opposite lateral
- 4 side of the tracked vehicle in contact with a separate secondary
- 5 track to selectably exert a pushing, tensioning force on each
- 6 secondary track; and
- 7 tightening each secondary track on a hub provided with
- 8 annular outside surfaces on each main drive-sprocket assembly by
- 9 said tensioning force exerted by said tensioning apparatus.
- 1 18. (Original) The method of claim 17 further comprising the step
- 2 of:
- 3 frictionally engaging said annular outside surfaces of each
- 4 hub of each main drive-sprocket assembly by the step of
- 5 tightening each secondary track around each drive sprocket
- 6 assembly to transfer rotary power to move said secondary track
- 7 and said tracked vehicle.

- 1 19. (Original) The method of claim 16 further comprising the
- 2 steps of:
- 3 providing secondary sprockets having annular gear teeth
- 4 extending from a hub on each rear-mounted main drive-sprocket
- 5 assembly and;
- 6 providing longitudinally spaced-apart holes in each
- 7 secondary track, said spaced apart holes in each secondary track
- 8 being correspondingly spaced apart with respect to said gear
- 9 teeth.
- 1 20. (Original) The method of claim 19 further comprising the
- 2 steps of:
- 3 engaging said spaced apart holes in each secondary track by
- 4 said gear teeth engage; and
- 5 transferring rotary power via the engaged spaced apart holes
- 6 and gear teeth to move said secondary track and said tracked
- 7 vehicle.